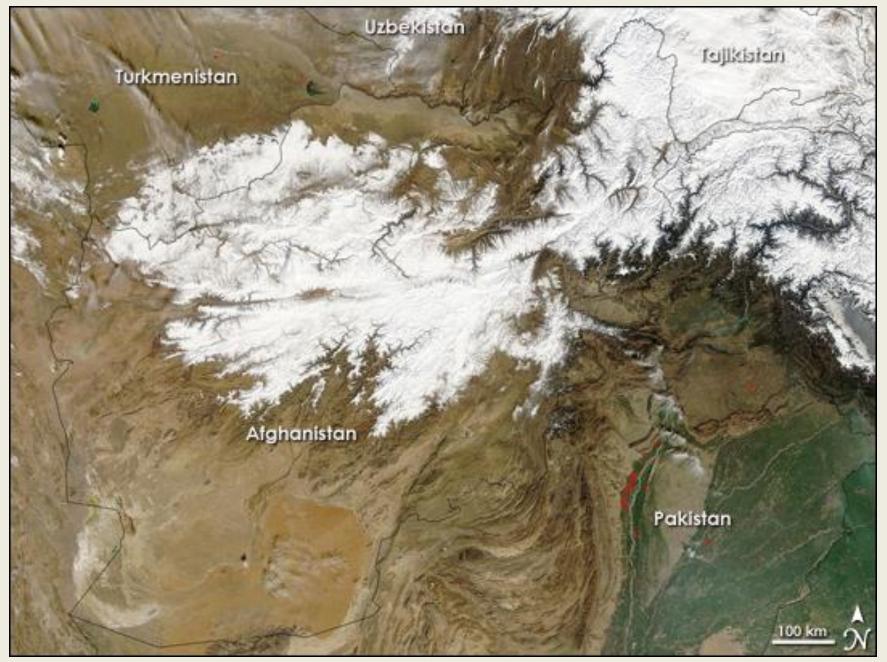
Water Resources in Remote, Sparsely Gauged, Snow-Dominated Mountain Basins



Jeff Dozier, UCSB & Bert Davis, CRREL 2012-Sep-05

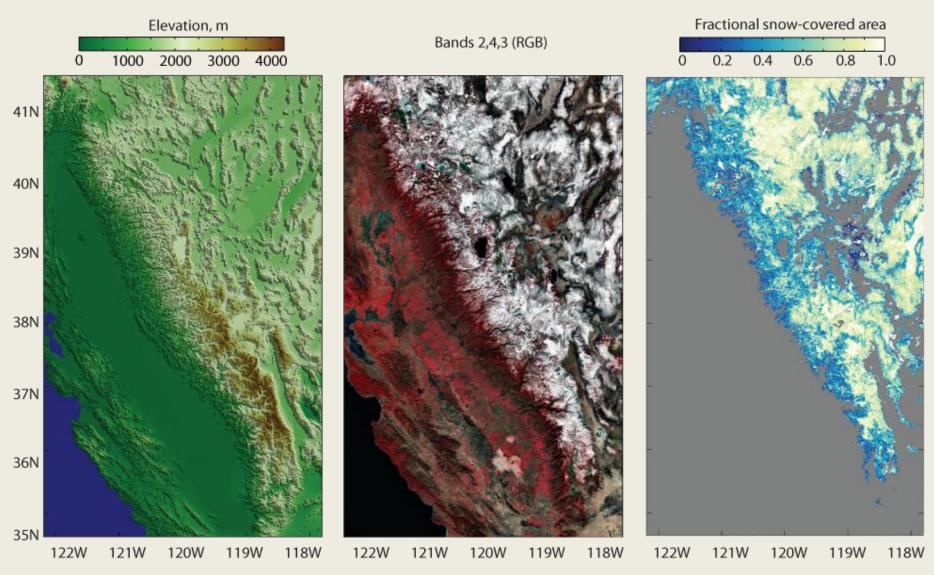




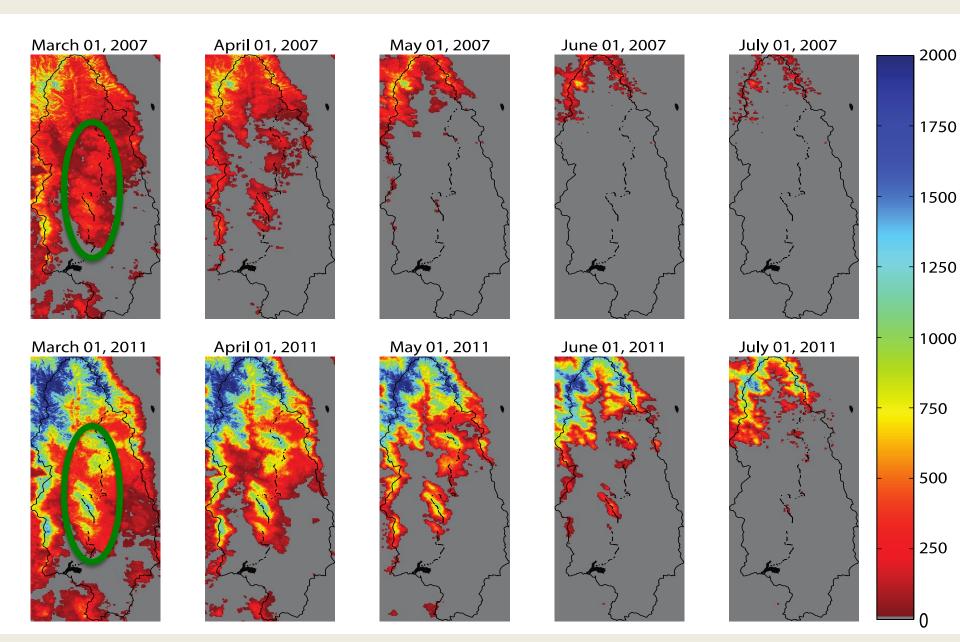


Fractional snow-covered area, Sierra Nevada (MODIS images available daily)

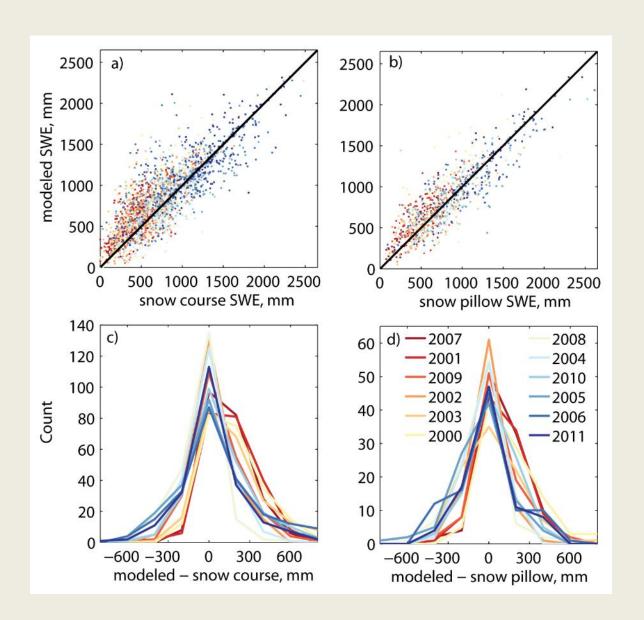
MODIS, 19 Jan 2008



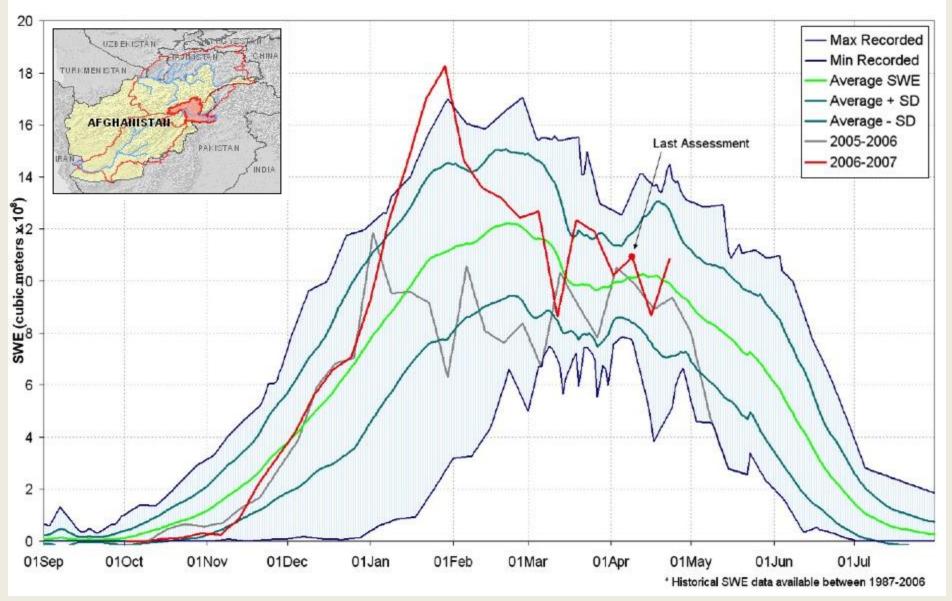
Reconstructed SWE, dry and wet years



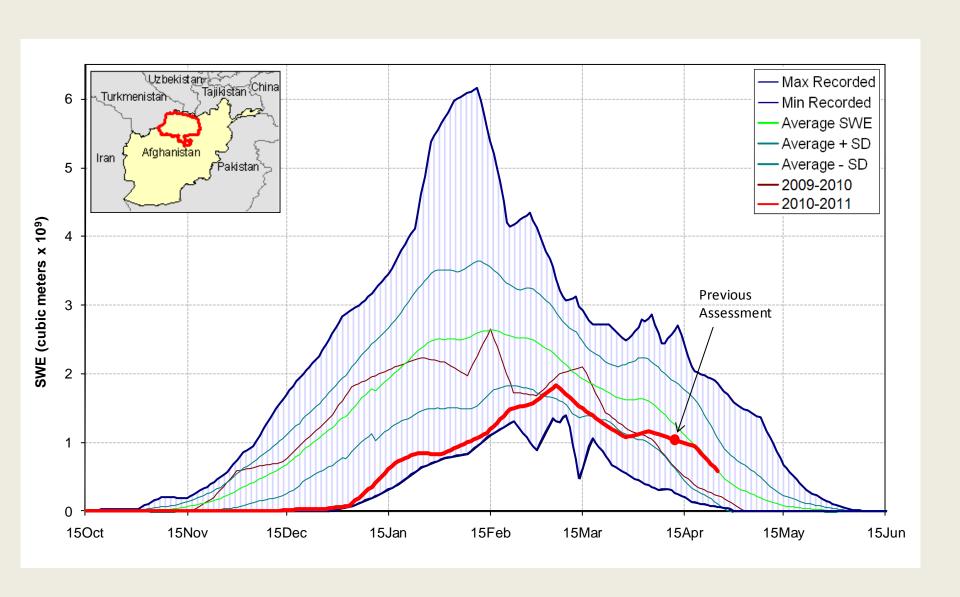
Validation of snow water equivalent



Lower Kabul Watershed



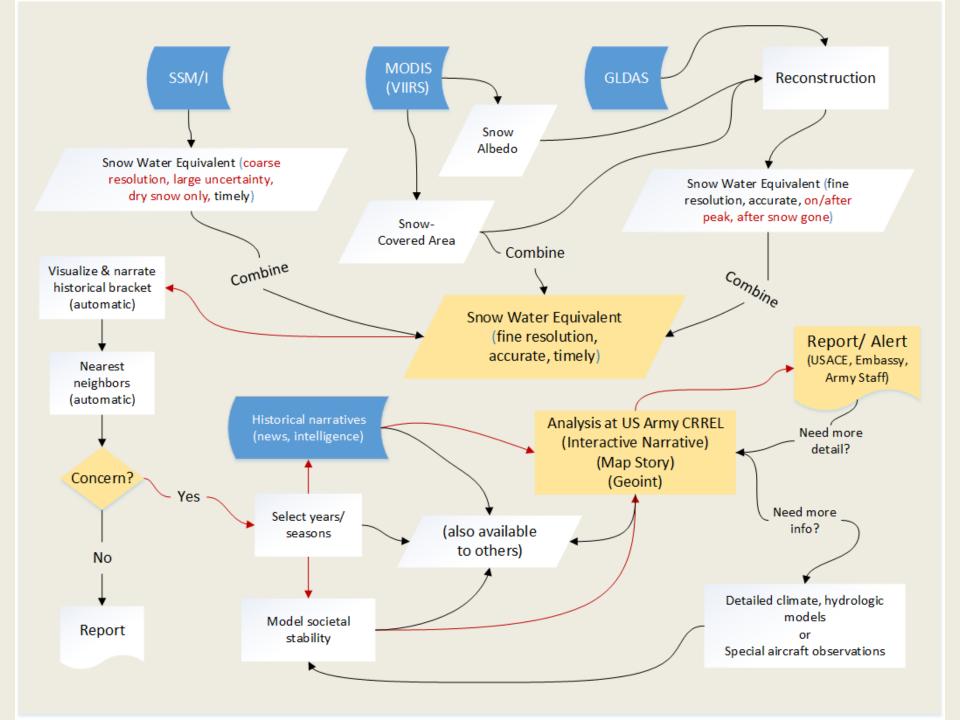
Northern Water Volume and Outlook



News item from IRIN (UN)

http://www.irinnews.org/Report/93781/Analysis-Afghan-drought-conditions-could-spell-disaster

KABUL, **21 September 2011** (IRIN) – "The current dry spell sweeping across Afghanistan's northern, northeastern and western provinces could lead to a large-scale food crisis and the humanitarian community should act quickly to ensure this does not degenerate into a disaster, government and aid officials warn."



Relationship between snow cover and SWE

